

AF

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

GILL et al.

Examiner:

Heinz, A. J.

Serial No.:

10/629,323

Group Art Unit:

2653

Filed:

July 29, 2003

Docket No.:

HSJ920030016US3

(HITG.055PA)

Title:

METHOD AND APPARATUS FOR ENHANCING THERMAL

STABILITY, IMPROVING BIASING AND REDUCING DAMAGE

FROM ELECTROSTATIC DISCHARGE IN SELF-PINNED ABUTTED

JUNCTION HEADS HAVING A SECOND HARD BIAS LAYER

DISPOSED AWAY FROM THE FREE LAYER

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the papers, as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 28, 2006.

AMENDMENT UNDER 37 C.F.R. 1.116

MAIL STOP AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action dated January 24, 2005, reconsideration and allowance of the application are respectfully requested in view of the amendments and remarks below.

Amendments to the claims begin on page five of this paper.

Remarks begin on page 8 of this paper.